

Emerald Ash Borer

In Virginia



Virginia Department of Agriculture &
Consumer Services

Office of Plant Industry Services

EAB Life Cycle



Brief History

- First detected in Fairfax VA in 2003
 - **Nursery** charged with 123 separate counts of violating the EAB quarantine and plant health laws.
 - In addition to unlawfully sending two different shipments of 121 ash trees to Maryland, the firm shipped the trees without an official inspection certifying the trees were free of plant diseases or pests, another clear violation of the law.
 - Between \$12,000-\$17,000 fines to APHIS; \$60,000 to MD nursery and 200 hrs. community service.

History, cont.

- Eradication project – no new finds until 2008
- Quarantine imposed 2008
 - Fairfax, Loudon, Arlington, Pr. William, Fauquier, Alexandria, Manassas, Manassas Park & Falls Church

Quarantine

- Regulation
 - Prohibits movement of regulated articles out of quarantined localities **except in compliance with certain conditions**
 - EAB – any life stage
 - Hardwood firewood
 - Ash nursery stock
 - Green (non heat treated) ash lumber
 - Other living or dead material of the genus *Fraxinus* (logs, branches, stumps, roots, wood chips)



History, cont.

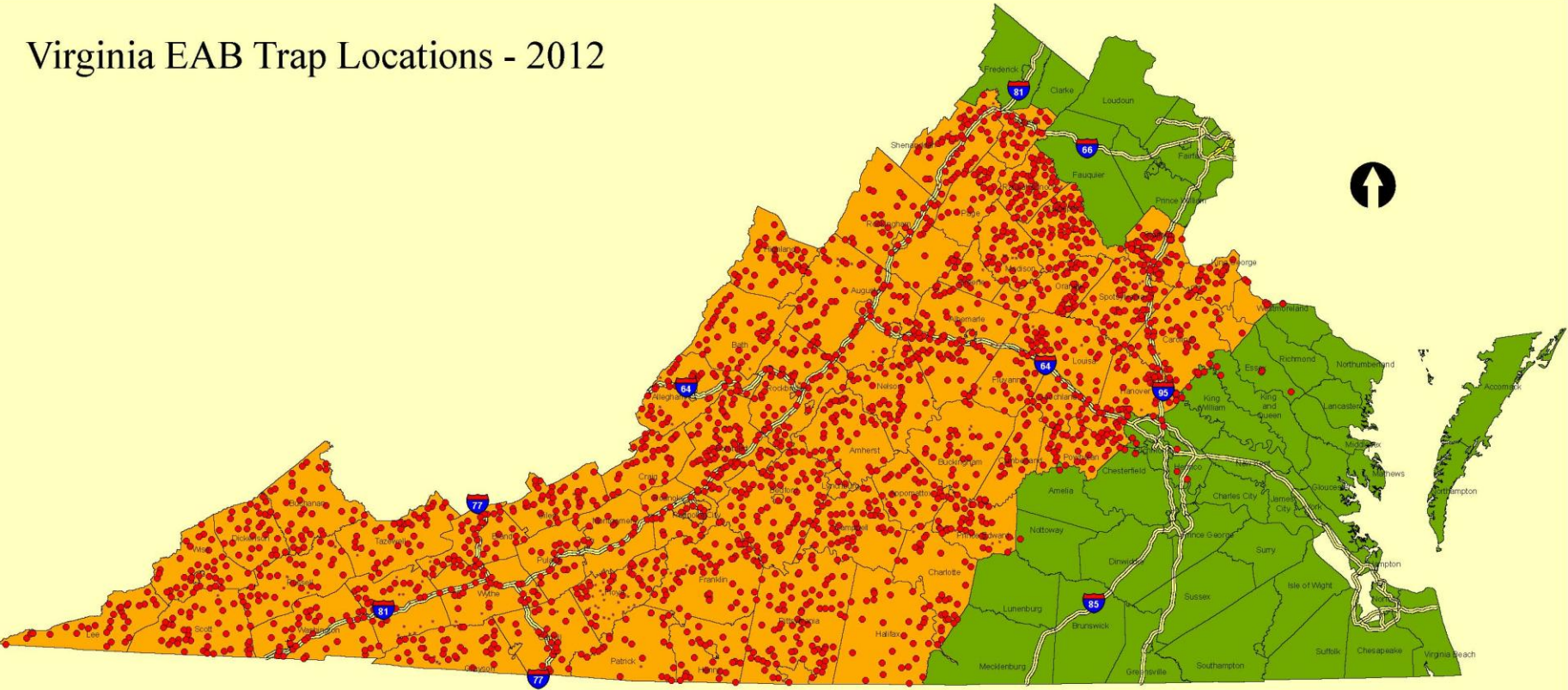
- Federally funded Surveys
 - Goal – determine size & boundaries of infestation
 - Survey tools
 - 2009 – 13 Northern VA counties -3200 traps
 - 2010 – expansion of 2009 survey – 17 cos. – 4100
 - 3 positive traps
 - 2011 – survey expands to include 87 cos/cities
 - Trapping conducted with USDA contractor



2012 Survey

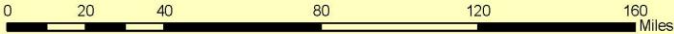
- USDA contractor
 - Delta-21
 - Using USDA Forestry – Forest Health Technology Team
 - Model to provide transparency, increase nos. of catches & provide timely management tools
- 2300 traps deployed in April
- First new find 6/5/12

Virginia EAB Trap Locations - 2012

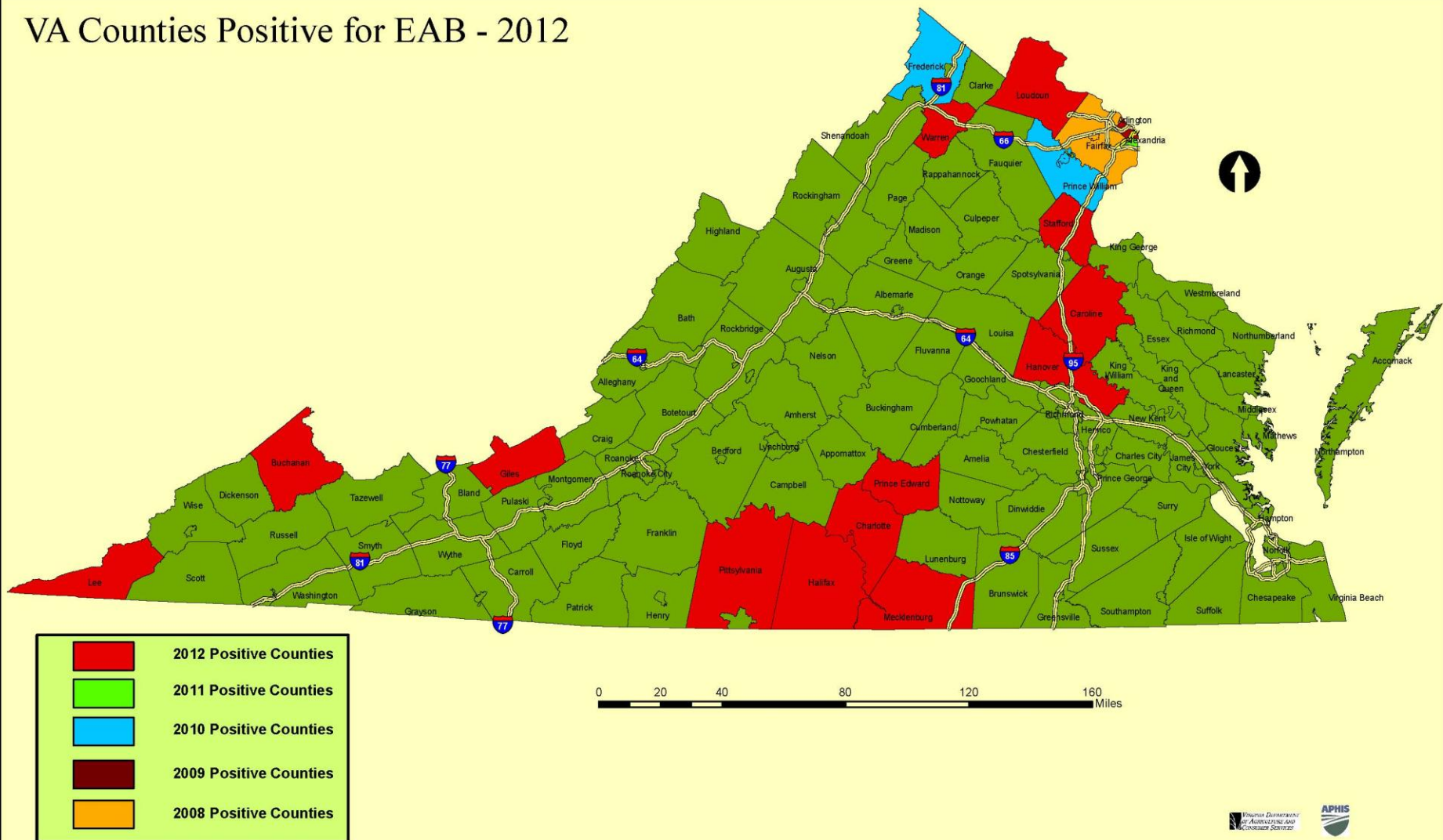


Trapping Area

Trap Cell Location



VA Counties Positive for EAB - 2012



Cooperative Emerald Ash Borer Project

Federal EAB Quarantine & Authorized Transit

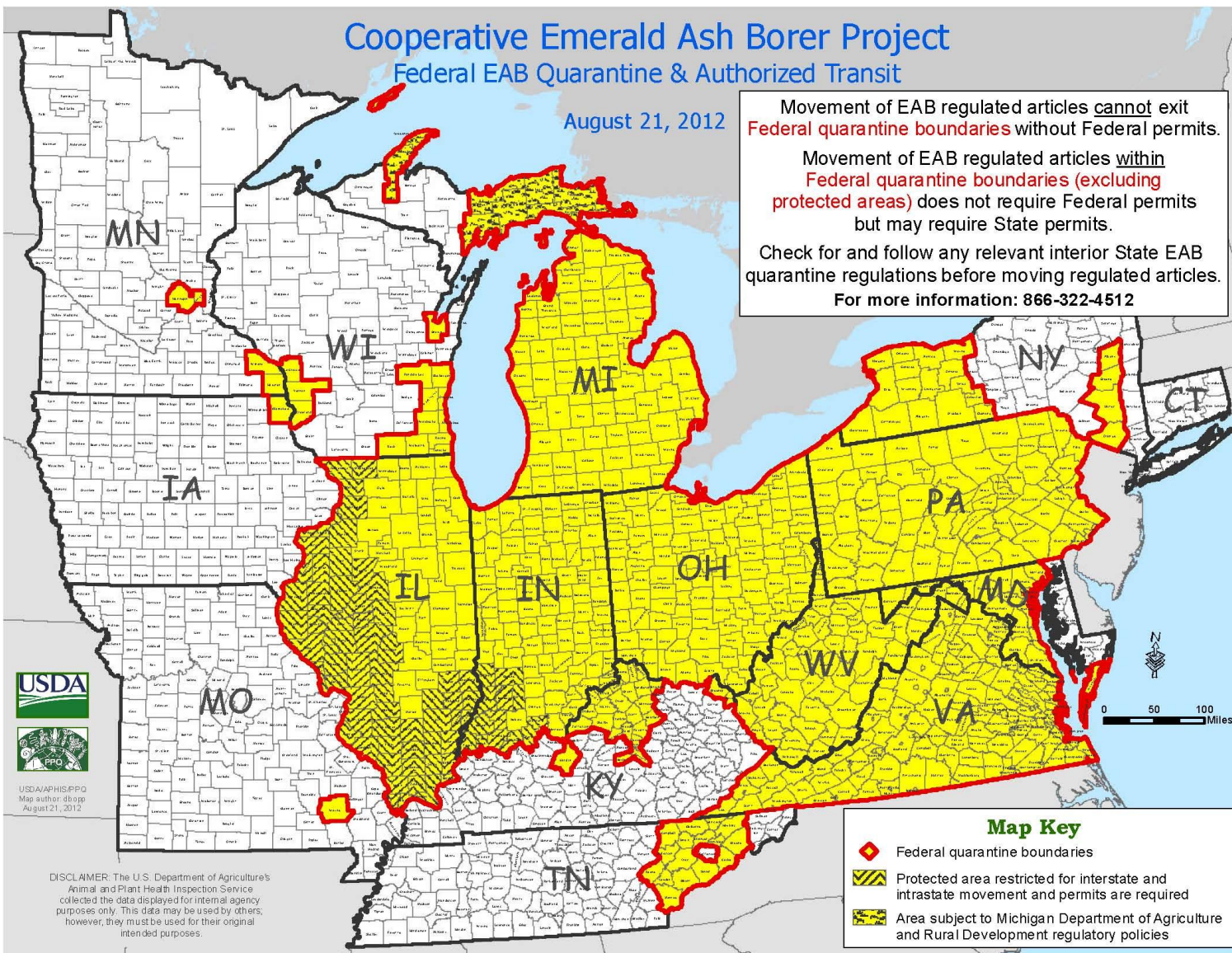
August 21, 2012

Movement of EAB regulated articles cannot exit Federal quarantine boundaries without Federal permits.

Movement of EAB regulated articles within Federal quarantine boundaries (excluding protected areas) does not require Federal permits but may require State permits.

Check for and follow any relevant interior State EAB quarantine regulations before moving regulated articles.

For more information: 866-322-4512

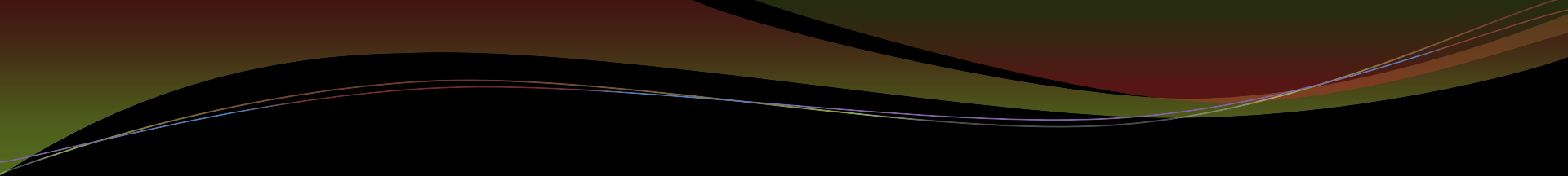


USDA/APHIS/PPD
Map author: dbopp
August 21, 2012

DISCLAIMER: The U.S. Department of Agriculture's Animal and Plant Health Inspection Service collected the data displayed for internal agency purposes only. This data may be used by others, however, they must be used for their original intended purposes.



Options for Managing Emerald Ash Borer ?

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- Education/Outreach
 - Chemical treatments
 - Treeage – emmamectin benzoate
 - Imidacloprid
 - Tree removals
 - Planting different tree species
 - Parasitoids (not available to homeowners)